

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS AND APPARATUS FOR MAINTAINING A MAP OF NODE RELATIONSHIPS FOR A NETWORK

the spe	cification of which (check one)							
[X]	is attached hereto.								
[]	was filed on	as Un	ited States Application						
	Number or PCT I	nternational Applica	tion No		.				
	and was amended	on	(if applicable).						
includi	I hereby state that ing the claims, as am	I have reviewed and nended by any amend	understand the contents of the ab Iment referred to above.	ove-iden	tified	speci	ficati	on,	
define	I acknowledge the d in 37 C.F.R. §1.56	e duty to disclose inf	ormation which is known by me to	be mate	erial to	pate	ntabi	lity a	S
countr	ent or inventor's cer y other than the University application for	tificate or 365(a) of a	s under 35 U.S.C. 119(a)-(d) or 36 any PCT international application a, listed below and have also ident certificate, or of any PCT internat ority is claimed:	ified bel	ow, by	che	cking	the b	ox,
		<u>Pr</u>	ior Foreign Application(s)	N	ority ot imed	(Cert Copy ES	Filed	? O
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I here	by claim the benefit	under 35 U.S.C. §11	9(e) of any United States provision	nal appl	ication	(s) li	sted 1	belov	<i>1</i> .
60/17	7.085		January 25, 2000						
60/17 (Appl	ication Number)		(Filing Date)						
(Appl	ication Number)		(Filing Date)		.				

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states:

Barry W. Chapin, Esq. Reg. No. 39,934
David E. Huang, Esq. Reg. No. 39,229
J. Scott Southworth, Esq. Reg. No. 39,382

all of Chapin & Huang, L.L.C., Westborough Office Park, 1700 West Park Drive, Westborough, MA 01581

and ______

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to: ______ Barry W. Chapin, Esq.

Chapin & Huang, L.L.C. Westborough Office Park, 1700 West Park Drive, Westborough, MA 01581

Direct telephone calls to: _____ Barry W. Chapin, Esq. Telephone No.: 508-366-9600

Direct facsimiles to: _____ Barry W. Chapin, Esq. Facsimile No.: 508-616-9805

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Jame O Toole	10/00/02
you	Date 12/2/6/2000
15 Munroe Street	
	
United States of America	
Same as above	
	15 Munroe Street Somerville, Massachusetts 02143 United States of America

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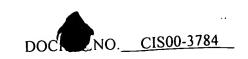
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KET NO	CIS00-3784

Full name of additional j	oint		
inventor, if anyJ	ohn H. Jannotti		
Inventor's Signature		Date	
Residence	233 Massachusetts Avenue		
	Cambridge, Massachusetts 02139		
Citizenship	United States of America		
	Same as above		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

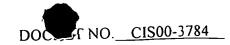
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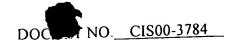
he specification of which (check one)					-		
X] is attached hereto.								
was filed on	as Unit	ed States Application						
Number or PCT I	nternational Applicati	on No						
and was amended	on(i	f applicable).						
including the claims, as am	I have reviewed and ended by any amenda	understand the contents of the aboment referred to above.						
I acknowledge the defined in 37 C.F.R. §1.56	e duty to disclose info	rmation which is known by me to						
I hereby claim for for patent or inventor's cer	reign priority benefits tificate or 365(a) of a ted States of America patent or inventor's o	under 35 U.S.C. 119(a)-(d) or 36 ny PCT international application valued below and have also identicertificate, or of any PCT internationity is claimed:	fied belo	w. bv	check	cing	the b	ox,
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I hereby claim the benefit	under 35 U.S.C. §11	9(e) of any United States provisio	nal appli	ication	ı(s) lis	ted l	oelov	٧.
60/177,985 (Application Number)		January 25, 2000 (Filing Date)						
(Application Number)		(Filing Date)						



I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

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A nemad inva	ntor, I hereby appoint the following the Patent and Trademark Offic	ng attorney(s) and/or agent(s) to prosecute this application e connected therewith.
I also hereby gra	nt additional Powers of Attorney	to the following attorney(s) and/or agent(s) to file and operation Treaty based upon the above-identified requirements for designated states:
Barry W. Chapir David E. Huang, J. Scott Southwo	Esq. Reg. No. 39,2	229
= all of Chapin & Huang, L	L.C., Westborough Office Park,	1700 West Park Drive, Westborough, MA 01581
and		
to prosecute this applicat	on and to transact all business in	the Patent and Trademark Office connected therewith.
to prosecute this application Please send corr	on and to transact all business in espondence to: <u>Barry W. Ch</u>	the Patent and Trademark Office connected therewith. apin, Esq.
to prosecute this applicate Please send corr Chapin & Huang	on and to transact all business in espondence to: Barry W. Chi L.L.C. Westborough Office Pa	the Patent and Trademark Office connected therewith. apin, Esq. ark, 1700 West Park Drive, Westborough, MA 01581
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Please send corr Chapin & Huang Direct telephone	on and to transact all business in espondence to: Barry W. Charre Parry W. Chapin, Esquesto: Barry W. Chapin, Esquesto: Barry W. Chapin, Esquesto: Barry W. Chapin, Esquesto:	the Patent and Trademark Office connected therewith. apin, Esq. ark, 1700 West Park Drive, Westborough, MA 01581 Telephone No.: 508-366-9600
Please send corr Chapin & Huang Direct telephone Direct facsimile I hereby declare on information and belie	on and to transact all business in espondence to: Barry W. Chape, L.L.C. Westborough Office Page calls to: Barry W. Chapin, Esquare that all statements made herein of are believed to be true; and further that and the like so made are punishing the states Code and that such we have the same to be true.	the Patent and Trademark Office connected therewith. apin, Esq. ark, 1700 West Park Drive, Westborough, MA 01581 Telephone No.: 508-366-9600
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Full name of additional	l joint	
inventor, if any	John H. Jannotti	12 12212000
Inventor's Signature	be # lot	Date 12/22/2000
Residence	233 Massachusetts Avenue	
	Cambridge, Massachusetts 02139	
Citizenship	United States of America	
Post Office Address	Same as above	